

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



Shaw Strain Hybrid Delphinium

The Shaw Strain Hybrid Delphinium is the result of nineteen years selecting and improving, by hand pollenizing, from the finest English Hybrids. This strain of Delphinium won hundreds of first prizes all over the United States over other strains of Delphinium. For years we grew thousands of Delphinium from the finest English strains obtainable, and after drastic selection, very few of the finest specimens were retained and these were used in building up this wonderful strain. I have stayed away from the tall spike variety, and have developed a strain averaging five feet in height, producing from eight to twenty laterals ranging from eighteen to thirty-six inches in length with small wiry, wippy stems, with twelve to sixteen inches of flowers on each lateral; ideal for commercial cut flower purposes. It is impossible for one person to reach completely around some individual spikes and touching their fingers on the opposite side without crushing the lateral spread. This gives the commercial cut flower grower four to six times the return from cut flowers per foot of space used growing this variety. Thousands of growers in the United States are today using this strain solely for their cut flower purpose, also for forcing under glass where every foot of space is valuable, and they have very little trouble if any, due to the resistance of this strain to mildew, having used the wild native specie in our crosses which has built up this resistance. The flowers range in sizes from one inch to three and one-half inches in diameter, and come in a bewildering range of colors. All shades of blue, combinations of blue, lavender, lavender pink, mauve, purple, white and yellow.

1932, NEW VARIETIES DELPHINIUM

No. 247—Crown of Jewels. Double. Color medium blue, inner petals bordered with lavender-pink, having an iridescent effect over the rough veined petals, giving an effect of thousands of tiny jewels. A pure white bee with a yellow beard. Flowers three inches in diameter. This is truly a jewel among jewels. Plant five feet in height with average of sixteen laterals per spike, twenty-six to thirty inches in length.
Seeds, \$2.50 per 100, packets only.

No. 248—Ambassador. Double. Color electric blue, black petals edged purple-mauve with inner petals almost solid purple-mauve, with electric blue center. Bee white and purple with yellow beard. Center petals fluted and somewhat protruding. Flowers three inches in diameter. Very graceful plants five feet in height with around eighteen laterals up to thirty inches in length. This is truly a wonderful Delphinium. One of the most magnificent dark shades in our gardens.
Seeds, \$2.50 per 100, package only.

No. 246—Enchantress. Double. Color pure medium violet, petals waved, deep brown bee with yellow beard flowers 1½ inches in diameter and very compact yet not crowding, making a most beautiful effect with a great many laterals on each spike. This new variety we have been working on for several years and this year it came 97% true from seed to parent plant. This is a new, type as well as a new color, for cut flowers, or your garden.
Seeds, \$2.50 per 100; \$20.00 per 1000

Named Varieties Delphinium

No. 249—Towering Jewel. Double, color light blue with pink markings; the most wonderful flowers we have ever seen; flowers 3¼ to 3½ inches in diameter; beautifully placed on towering spike; every one who loves Delphinium should have this flower.
150 Seeds, \$2.50; per oz., \$100.00

No. 250—Dainty Maid. Double, lightest of blue, center lavender pink, white bee; medium size flowers on graceful spikes with perfect form, exceedingly handsome.
150 Seeds, \$1.00; 1000 Seeds, \$5.00

No. 251—Her Majesty. Double, light blue, center lavender pink, dark brown and pink bee with yellow beard. Most beautiful.
150 Seeds, \$1.00; 1000 Seeds, \$5.00

No. 252—Autumn Queen. Double, brightest of blue, inner petals rose, tipped bright blue, white and rose bec. Very stately spike with wonderful large flowers, fine spacement. Extremely handsome.
150 Seeds, \$1.00; 1000 Seeds, \$5.00

No. 253—Romance. Double, brightest true blue, inner petals true blue edge, plum color and frilled, white and plum color bee. This wonderful flower on its tall stately spike holds one and all who gaze upon it and they marvel at its beauty.
150 Seeds, \$1.00; 1000 Seeds, \$5.00

No. 254—Fairly Queen. Double, pale blue, inner petals, pale blue center edging into pink at outer edges frilled lavender and brown striped bee with yellow beard. Medium size flowers on wonderful spike; this is the daintiest of all Delphinium.
150 Seeds, \$1.00; 1000 Seeds, \$5.00

No. 255—Monarch. Double, dark blue, mauve center, purple and white bee, very large flowers, tall spike. Exquisite.
150 Seeds, \$1.00; 1000 Seeds, \$5.00

No. 256—Sky Rocket. Semi-double, pale blue, center petals lavender pink, yellow bee, flowers 2¾ inches in diameter. Wonderful tapering spike, beautiful beyond words.
150 Seeds, \$1.00; 1000 Seeds, \$5.00

No. 257—Purple Robe. Double. Color deep purple, white bee. Flowers beautifully placed on long spike.
150 Seeds, \$1.00; 1000 Seeds, \$5.00

No. 258—Little Boy Blue. Double, outer petals lavender, inside petals medium blue and pink; all petals tipped peacock green, brown, bee, good size.
150 Seeds, \$1.00; 1000 Seeds, \$5.00

No. 259—Sensation. Double, color rosy-mauve over 2½ inches in diameter; flowers beautifully placed on long spike; this flower is a real prize winner.
150 Seeds, \$1.00; 1000 Seeds, \$5.00

No. 260—Blue Bird. Single, light blue shading into pink; white bee; flowers average 3 inches in diameter; very fragrant our best single flower.
150 Seeds, \$1.00; 1000 Seeds, \$5.00

No. 261—Mount Shasta. Double, lavender with brown bee; very large.
150 Seeds, \$1.00; 1000 Seeds, \$5.00

No. 262—Triumph. Double, violet; very large flowers on long, handsome spike.
150 Seeds, \$1.00; 1000 Seeds, \$5.00

No. 263—Empire. Double, immense flowers; sky blue, pink center; one of our very finest.
150 Seeds, \$1.00; 1000 Seeds, \$5.00

No. 264—San Francisco Maid. Double; outer petals dark blue; inside petals amethyst, yellow bee; very large.
150 Seeds, \$1.00; 1000 Seeds, \$5.00

No. 265—Santa Rosa Jewel. Double; outer petals light blue; inside petals lavender, which protrude; very large.
150 Seeds, \$1.00; 1000 Seeds, \$5.00

No. 266—Fragrance. Double; medium blue and pink mixed; striped blue and white bee; good size.
100 Seeds, 50c; 1000 Seeds, \$3.50

Named Varieties Delphinium

No. 267—Fascination. Semi-double; outer petals light blue; inside petals lavender; very large.
100 Seeds, 50c; 1000 Seeds, \$3.50

No. 268—Princess Glory. Double; light blue and lavender mixed; white bee; very delicate; medium size.
100 Seeds, 50c; 1000 Seeds, \$3.50

No. 269—Venetian Skies. Semi-double; color clear blue with rose markings; white and blue bee; long spike.
100 Seeds, 50c; 1000 Seeds, \$3.50

No. 270—California Gem. Single; color rosy-purple with bee; large flowers, beautifully placed on long spike; very fine.
100 Seeds, 50c; 1000 Seeds, \$3.50

No. 271—Purple Giant. Semi-double; dark purple self; very large flowers; wonderful spike.
100 Seeds, 50c; 1000 Seeds, \$3.50

No. 272—Lavender Prince. Single; pure lavender with white bee; very large and fragrant; wonderful spike.
100 Seeds, 50c; 1000 Seeds, \$3.50

No. 273—Blue Souvenir. Single; dark blue with prominent black bee; long spike.
100 Seeds, 50c; 1000 Seeds, \$3.50

No. 274—Silver Lake. Single; light blue with white bee; very large and very fragrant; wonderful commercial variety for cut flowers.
100 Seeds, 50c; 1000 Seeds, \$3.50

No. 275—Catalina Blue. Single; medium blue; very clear color; white bee; very large and very fragrant; wonderful commercial variety for cut flowers.
100 Seeds, 50c; 1000 Seeds, \$3.50

Quality Seed Price

Varieties No. 250 to No. 265, ¼ oz., \$6.25; ½ oz., \$12.50; 1 oz., \$25.00.

Varieties No. 266 to No. 275, ½ oz., \$6.25; 1 oz., \$12.50.

Delphinium Seed will average 15,000 seeds per ounce.

Mixture varieties No. 250 to No. 265, 150 seeds, \$1.00; 1000 seeds, \$5.00. Quantity price as above.

Mixture varieties No. 266 to No. 275, 100 seeds, 50c; 1000 seeds, \$3.50. Quantity price as above.

Delphinium Belladonna Improved - \$3.00 per oz.

Any seeds sold by us will germinate if properly treated and we cannot be responsible for non-germinating due to careless handling. We make no exceptions to these rules. As our seeds are thoroughly tested every thirty days and we know that they will germinate with proper treatment.

Delphinium Clumps

of named varieties, as follows: Towering Jewel, \$2.50 each. Other varieties listed from No. 250 to No. 275, \$1.50 each, or \$15.00 per dozen. One year seedling plants unnamed choice stock, \$10.00 per dozen. Shipping charges paid on lots of one dozen or more. Less than one dozen shipped express, charged C. O. D.

Delphinium Plants

F. O. B. Santa Rosa Net

From three-inch pots, varieties No. 249, \$2.50 per dozen; \$18.00 per hundred. No. 250 to No. 265, \$1.50 per dozen; \$11.00 per hundred. No. 266 to No. 275, \$1.25 per dozen; \$9.00 per hundred. Small Delphinium plants shipped express, charges C. O. D. We cannot be responsible for any green plants shipped by us by express or parcel post, as plants leave our hands and are packed in the best way possible, but due to careless handling of railway and postal employees, delays, conditions that cause plants to sweat thereby causing their loss. All green plants shipped are entirely at the purchasers risk.



Branch Lateral of Shaw Strain Delphinium

Flower Seeds

QUALITY

**Shaw's Hybridizing
Gardens, Ltd.**

Santa Rosa

California

For Florists

SERVICE

Shaw's Strain Fine Petunias

We are originators and growers of some of the World's finest Petunias. Direct from the originator and grower to you. Our aim has always been to develop and grow the highest standard in Petunias. We have added to our mailing list, in the past five years, thousands of the most prominent growers in the United States and Europe, whose aim it is to grow the finest strain of Petunias obtainable. We have been able to satisfy these growers, due to our careful selection and our strict hand pollenizing each variety that we list, ever improving this wonderful strain of flowers. Each year we grow around one-half million plants in three-inch pots from seeds selected from our finest grown plants. The finest specimens are selected from this large planting for our field plants. Growers visiting our fields of Petunias are amazed at the gigantic size and beauty of these field grown plants that are used to produce the seed that is shipped direct to you.

GIANT RUFFLED PETUNIA

Trade Package 1000 Seeds

No.	Description	Trade Pkg.	1-64 oz.	1-32 oz.	1-16 oz.
No. 298	Amerleau Beauty, New 1932. Ruffled and frilled. Flowers 5 to 7 inches in diameter. Rose color with large white throat. Lightly veined. Very beautiful.	\$1.50	\$4.50	\$7.50	\$12.50
No. 299	Cattlaya, New 1932. Ruffled and frilled color, lavender pink with greenish yellow throat. Heavily veined, brown. Flowers 4 to 5 inches in diameter.	\$1.50	\$4.50	\$7.50	\$12.50
No. 300	Lilac Queen, New 1932. Color deep lilac, veined with deep purple. Very heavily fringed and ruffled. Five to six inches in diameter. A new beauty beyond words.	\$1.50	\$4.50	\$7.50	\$12.50
No. 301	Red, with brownish black throat.	\$1.00	\$3.00	\$5.00	\$ 9.00
No. 302	Red and White Variegated. Large yellow center.	\$1.00	\$3.00	\$5.00	\$ 9.00
No. 303	Mauve Pink. Strong vein center and exquisite color combination.	\$1.00	\$3.00	\$5.00	\$ 9.00
No. 304	Mauve. Center heavily veined with royal purple.	\$1.00	\$3.00	\$5.00	\$ 9.00
No. 305	Improved Copper Red. Ruffled distinct and beautiful; color terracotta rose with bronze throat; flowers 5 to 7 inches in diameter.	\$1.00	\$3.00	\$5.00	\$ 9.00
No. 306	California Rose. Ruffled beautiful rose color with strongly veined white throat. Flowers 5 to 7 inches in diameter.	\$1.00	\$3.00	\$5.00	\$ 9.00
No. 307	King Alfonso. Very dark red with black throat, boldly waved and frilled. About 10% double flowers.	\$1.00	\$3.00	\$5.00	\$ 9.00
No. 309	Silver Rose. Beautiful delicate rose color with white throat.	\$1.00	\$3.00	\$5.00	\$ 9.00
No. 310	Gigantic Ruffled Varieties Mixed. A mixture of all of the above varieties.	\$1.00	\$3.00	\$5.00	\$ 9.00

GIANT FRINGED PETUNIAS

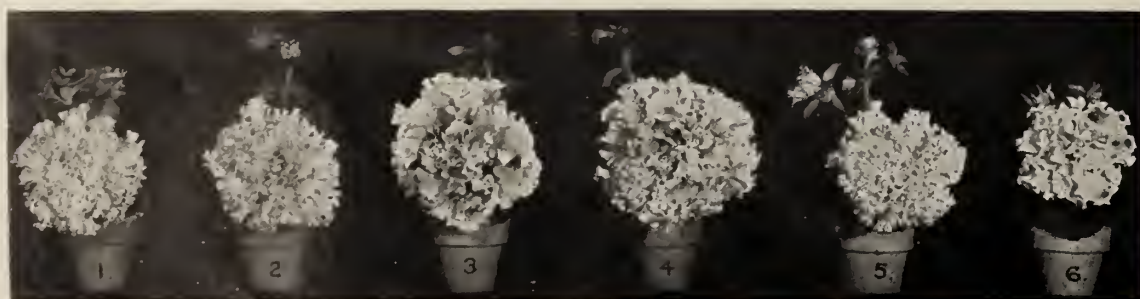
No. 311	Pink Empress. Deep rose pink golden yellow throat with brown vein, deeply fluted and heavily fringed.	\$1.00	\$3.00	\$5.00	\$ 9.00
No. 312	Floretta. Steel blue, veined black, flowers handsomely ruffled, golden yellow throat.	\$1.00	\$3.00	\$5.00	\$ 9.00
No. 313	Theodosia. Beautifully fringed rose pink, golden yellow throat.	\$.50	\$2.00	\$3.50	\$ 6.50
No. 314	Coerulea. Light blue with dark crimson veins heavily fringed.	\$.50	\$2.00	\$3.50	\$ 6.50
No. 316	Pepita. Flowers dark carmine changing to scarlet; blotched white.	\$.50	\$2.00	\$3.50	\$ 6.50
No. 317	Pepita. Flowers dark carmine, solid color.	\$.50	\$2.00	\$3.50	\$ 6.50
No. 318	Triumph. Beautifully ruffled bright pink; flowers 3 to 4 inches in diameter.	\$.50	\$2.00	\$3.50	\$ 6.50
No. 319	Flesh Pink. Frilled; a most beautiful variety with frilled edges; flowers 3 to 4 inches in diameter.	\$.50	\$2.00	\$3.50	\$ 6.50
No. 320	Albo-Lutea. Whitish yellow with yellow throat. Frilled.	\$.50	\$2.00	\$3.50	\$ 6.50
No. 321	Matchless. Heavily fringed; flesh pink pale throat. Wonderful pot Petunia; low flowering; profuse bloomer.	\$.50	\$2.00	\$3.50	\$ 6.50
No. 322	Charm. Apple blossom pink, heavily ruffled and frilled. Profuse bloomer. A dandy pot Petunia.	\$.50	\$2.00	\$3.50	\$ 6.50

GIANT BROAD-PETALED PETUNIAS

No. 323	Silverado. Shell pink 4 inches in diameter. Very compact grower. Profuse bloomer.	\$.50	\$2.00	\$3.50	\$ 6.00
No. 324	Purple King. Red purple. Very compact grower.	\$.50	\$2.00	\$3.50	\$ 6.00
No. 325	Purple Robe. Wonderful deep purple, broad petaled flower, 3 to 4 inches in diameter; small percentage of double flowers. The finest of all purple Petunias. Excellent pot flower.	\$.50	\$2.00	\$3.50	\$ 6.00
No. 326	Pink Glory. Pure flame rose pink, broad petaled flowers 1 1/4 inches in diameter. A most excellent pot Petunia.	\$.50	\$2.00	\$3.50	\$ 6.00
No. 327	Purple and White Variegated. A very profuse bloomer, same as purple robe except variegated.	\$.50	\$2.00	\$3.50	\$ 6.00
No. 328	Giant Pink Glory. Pure flame rose pink, broad petaled flowers 4 inches in diameter. A most excellent pot Petunia.	\$.50	\$2.00	\$3.50	\$ 6.00

GIANT DOUBLE VARIETIES

No. 329	Shaw's Pride Improved, New 1932. Light salmon pink with light throat. One of the most beautiful Petunias we have ever grown. Very compact grower and profuse bloomer. Very large flowers.	\$3.00	\$16.00	\$30.00	\$56.00
No. 330	Shaw's Pride. Salmon pink of the Peony type. Flowers 4 inches in diameter. Will produce 65% double flowers. This is a marvelous new color in Petunias and one of the most striking colors yet produced. A very compact grower and a profuse bloomer. Color does not fade. Sample pkg. \$1.00.	\$2.00	\$12.00	\$22.50	\$42.00
No. 331	Pride of Los Angeles. Giant double flowers 4 to 5 inches in diameter, colors ranging from pink to deep rose shades. This variety is very heavily frilled. Produces 50% full double flowers, 35% semi-double, and 15% single flowers which are large and also heavily frilled. No flowers need to be discarded because of small inferior blooms.	\$1.50	\$ 8.00	\$15.00	\$28.00
No. 333	Shepard's Double. Large Peony type double flowers in a mixture of self and variegated colors, heavily fluted and ruffled. Produces 65% double flowers.	\$1.50	\$ 8.00	\$15.00	\$28.00
No. 334	Snow Ball. Double White. 4 inches in diameter. Very compact grower with snow white flowers 40 percent full double. A wonder for mother's day.	\$1.50	\$ 8.00	\$15.00	\$28.00



Double Varieties of Shaw Strain Petunias 12 Weeks After Sowing Seed

Ball Calendula

Gold Improved—Deep golden yellow. Distinctively large, double and long stems.

Sensation—This is a preferred orange variety. Very popular. Long stems and large rather flat flowers.

Apricot—Rich straw or apricot color with a fine dark brown center. This variety is not quite so long stemmed or large flowers as the orange or yellow variety. Preferred by many growers.

Lemon Queen—Bright yellow with attractive dark center that greatly enlivens the color effect. The yellow color is distinctly lighter than gold. Long stems and makes excellent growth.

Orange Improved—Large deep full flowers. Compact growth. Fairly long stems. A very excellent variety.

Supreme—Rich shade of light orange. With a finely contrasting dark center. Very attractive combinations of color. Fairly long stems with free flowering habit. Trade Pkg., 50c; 1/4 oz., \$1.00; 1/2 oz., \$1.75; 1 oz., \$3.00; 2 oz., \$5.00; 4 oz., \$8.50.

Giant African Marigold

True Quilled Type—All double orange. Our test beds show this variety 99% full double.

Trade Pkg., 25c; 1/4 oz., 60c; 1/2 oz. \$1.00.

Watsonia Seed

Selected from the latest and finest standard and novelty varieties of Watsonia Hybrids. This seed should produce some fine new colors and exceptionally large single flowers.

Mixed trade pkg. 50c

Aquilegia

Shaw's Strain. A wonderful new strain of pastel shades, flowers up to 3 1/2 inches in diameter, long spurred, plants average 3 1/2 feet high, and is a very profuse bloomer. Fine for cutting.

Sample pkg. 25c; Trade pkg. \$1.00

Hybrid Amaryllis

This giant flowering type is a cross between selected large flowering varieties, crossed with the Hawaiian, giving a most beautiful variety with strong, wide open flowers 4 to 6 per stem, colors ranging from white to deep maroon, wonderful salmon colors. Five-year bulbs flower from 3 to 6 times a year. Most wonderful pot plant. Flowers in 18 months from seed.

1/2 to 1 inch bulbs	\$2.50 per doz.
1 1/4 to 1 3/4 inch bulbs	\$3.50 per doz.
2 to 3 inch bulbs	\$5.00 per doz.
Seeds per 100	\$2.50

Giant Cockscomb

Celosia Cristata

Tremendous flower-heads or combs of a velvety finish but a strawy touch. Fine for garden or cutting. Some heads obtaining 20 inches in diameter. Color purple red. Trade Pkg. 25c

Scabiosa

Columbaria Lavender

A very fine perennial Scabiosa with beautiful large lavender-blue flowers. Trade Pkg. 50c

Columbaria Pink

The showy large blooms are a soft shade of rich pink. Trade Pkg. 50c

We take pleasure in presenting our new 1932 listing. Much care has been taken in making it useful, entertaining and instructive. Of course, cold words can but convey an incomplete picture of the Shaw Hybridizing Gardens, Ltd., in their truly unusual completeness . . . the gorgeousness and truth in color; the wide range in colors and varieties, and the ease with which exhibition blooms may be obtained with Shaw's strain of Dahlias, Delphiniums-Petunias and Pansies.

Shaw's Hybridizing Gardens, Ltd., gives no warranty, express or implied as to description, quality, productiveness or any other matter of any seeds, plants or bulbs they sell, and will not be in any way responsible for the crop. If the purchaser does not accept the seeds or plants on these terms, they are at once to be returned, and the money paid for same will be promptly refunded.

Flower Seeds

QUALITY

Shaw's Hybridizing Gardens, Ltd.

Santa Rosa California

For Florists

SERVICE

Florists' Giant Pansies

In adding pansies to our listings, we have selected from the World's finest strains, the choicest strains available. After making tests we have selected those strains we found most suitable for the Florists and Nurserymen.

Improved Swiss Giants—Flowers unusually large with wonderful color combinations. Nearly all flowers are from 3 and 5 bloched, exceptionally long stems, fine for winter cut flowers or spring plant sales.

Five Bloched Super Swiss Giants—85% of this strain will produce 5-bloched flowers. This is a special selection made from the largest size flowers with a wavy outline, the finest in fancy pansies.

Improved Masterpiece Curled—This is an exceptionally fine mixture of long stemmed flowers with wavy petals, very free flowering and exceptionally large.

Giant Trimardeau, Extra Fine Select—Large flowers well formed in a great variety of colors.

North Pole—Pure white

Dark Blue—Fine color

Golden Yellow—Dark eye

Adonis—Beautiful light blue

Golden Queen—Pure yellow

Ice King—White with dark eye

Lord Beaconsfield—Violet shadings to white

Giant Trimardeau Extra Fine Mixed

Bugnot's Giant Spotted—Very large and a finely colored strain, extra fine. Choice mixed

Trade Pkg.	¼ oz.	½ oz.	1 oz.
\$.75	\$1.75	\$3.00	\$5.00
\$.75	\$1.75	\$3.00	\$5.00
\$.50	\$1.00	\$1.75	\$ 3.00
\$.25	\$.50	\$1.00	\$ 1.75
\$.25	\$.50	\$1.00	\$ 1.75
\$.25	\$.50	\$1.00	\$ 1.75
\$.25	\$.50	\$1.00	\$ 1.75
\$.25	\$.50	\$1.00	\$ 1.75
\$.25	\$.50	\$1.00	\$ 1.75
\$.25	\$.50	\$1.00	\$ 1.75
\$.25	\$.50	\$1.00	\$ 1.75
\$.25	\$.50	\$1.00	\$ 1.75
\$.50	\$1.00	\$1.75	\$ 3.00

How to Pollenize Dahlias

Seed of hand pollenized varieties should be ordered early as we have a big demand for them, and are soon sold out. Our method of hand pollenizing Dahlia flowers is not hap-hazard; each petal of flower is pollenized from the time first petal opens out, placing pollen on each little pistil lying at the base of petal on inner side; this insures a real cross of varieties when crossed. You will find the largest seeds always are found around the outside of flower pods and never in the center where most pollen appears. I never cross the center of the flowers. However I obtain all pollen used from the center of flower after cutting and placing in water away from the bees that strip it of pollen. It takes about 7 days to cross a Dahlia flower; a little time each day until flower is full open. This is the only true way to cross this wonderful flower and be sure of your cross. This takes time, hence our price of \$7.50 per hundred for this seed. The quality is in this seed. Ask anyone who has ever grown our seed or visit our seedling Dahlia field and see for yourself. Crosses are made of varieties only, that have real merit and have been tested as parents or late prize winners.

Dahlias, Con't.

most prolific big dahlia I know. The flowers, which are deep as well as large in diameter, have been grown to 11½ inches with no feeding, forcing or disbudding, and the plant is practically immune to insect pests, even the borers seldom attacking its hard and woody stem. Considered by visitors and practically all who saw it, as the outstanding variety in my gardens.

Tubers, \$2.50

The World (Dec.). Size 9"x4½". Height 4½ feet. Color, rich deep, rosy magenta overlaid garnet with silver tinting on edges of petals. A most unusual variety.

Tubers, \$2.50

Tommy Atkins (Dec.). Size 7"x3". Height 6 feet. A very popular variety at our trials as well as for exhibition, cutting and the garden, on account of its large size, fine form, splendid keeping qualities and its vivid flame color.

Tubers, 50c

Thos. A. Edison (Dahliadel) Dec. Color, royal purple. Selected and named by permission of the famous electrical wizard. A massive flower of distinct form and coloring, held erect on cane stiff stems. A strong, sturdy grower of medium height.

Tubers, \$2.50

Treasure Island. Size 9"x4½". Height 5 feet. Color bright apricot with gold and rose suffusion and shadings. A splendid flower on long cane stiff stems.

Tubers, \$1.50

Waldheim Sunshine, Dec. The color is a deep golden yellow, shading to chrome yellow at the center, while the reflex is lightly suffused scarlet. The form is every thing that can be desired and has great depth, with a full high center. The past season it was still full to the center when killed down by frost in late October. Very strong selected roots.

Tubers, \$2.50

Select Rosette Dahlias

These have already become most popular. They embrace the small decorative and the intermediate between Pompon and Ball. They are all profuse bloomers.

Amaranth. Size 2"x1". Height 3 feet. A seedling of Little Jewel and somewhat similar except the color. Color, at base of petals, bright amaranth purple, tinting to light rosaline purple at tips.

Tubers, 50c

Babette. Size 2"x1". Height 3½ feet. Very profuse bloomer, white suffused pink; outer petals, shading cameo pink.

Tubers, 50c

Buddy. Quite distinct. Rose red, with quilled petals, somewhat incurved.

Tubers, 25c

Elsie. This is indeed a dainty gem. Bright carmine. Small, beautiful form, and profuse.

Tubers, 50c

Rufus. Size 3"x2". Height 3 feet. It is an extremely profuse bloomer. Color, bright scarlet red.

Tubers, 50c

Sonny. Soft lemon yellow, tips of petals, Tyrian rose. Very pleasing.

Tubers, 50c

Sweetheart. Size 2½"x1½". Height 4 feet. Color crimson, tipped white.

Tubers, 50c

Splendens Imbricata. Size 2½"x2". Height 2½ feet. Color vivid cardinal red; splendid form and profuse.

Tubers, 50c

Zarema, New, 1932. Yellow, heavily tipped brownish red. Flowers 3 inches in diameter.

Tubers, 50c

DAHLIA SEED

Much pleasure can be derived from growing Dahlia Seeds. They grow very easily from seeds. They will make large plants the first year. New varieties are produced in this manner. Plant Dahlia seeds in shallow boxes which have been filled ¾ full of good soil. Sow the seed on top and cover ½ inch with light soil. Seeds may be started indoors, in a hot house or in frostless belts, outdoors.

Water well and keep moist while the young plants are growing. Some of the seeds will sprout in a week or ten days, others will require 5 or 6 weeks. When the young plants are 5 inches tall, set out in the open ground, after danger of frost is over, 1 and ½ feet apart, 3 to 4 feet between the rows.

Hand Pollenized Seed. We select only what we know to be the finest parents for our hand pollenized seed. Our method of crossing is the same as our description, how to pollenize dahlias.

100 Seeds, \$7.50; 500 Seeds, \$35.00

Selected Dahlia Seed. Seeds selected from our best varieties, not hand crossed.

100 Seeds, \$2.50; 500 Seeds, \$7.00

Choice Dahlia Seed. This seed is taken only from large types.

100 Seeds, \$1.00; 500 Seeds, \$4.00

Pompon Dahlia Seed.

100 seeds mixed or separate varieties.....\$1.00

500 seeds mixed or separate varieties.....\$4.00

Gladiolus Seed

This seed is taken from hand pollenized flowers from the very latest and finest gladiolus. Such varieties as Mrs. Leon Douglas, Pfitzers-Triumph, Coronado, Vielchenblau, W. H. Phipps, Albatross, The Orchid, Tycho Zang, Heavenly Blue, Orange Wonder, Mrs. Van Kongnenburg, Rozan, Star of the Sea, Mother Machree, Frank J. McCoy, Frederick Christ, Col. Chas. Lindberg, Lily of Gold, Matilda Ann, Mrs. Calvin Coolidge. Also many new gladiolus of our own that have never been placed on the market. Some from the wild species used are: Alatus, Blandus, Callistus, Cardinalis, Cuspidatus, Debilis, Machultus, Psittacinus, Drococephalus, Psit. sub. sp., Tristis concolor dwarf, Tristis, Watsonius, Grandis, Recurvus, Grawllis, Hisutus and Orchidiflorus. These ought to give some wonderful breaks aside from new colors. Most hybridizers use only hybrids giving little chance for anything except change in color from what we now have. You will have some real surprises in each package of this seed.

Trial Pkg. 100 Mixed Seeds, \$1.00; 10 pkgs., \$7.50

Delphinium Planting Instructions

We are herewith printing instructions for the planting of Delphinium seed and the handling of small plants.

Sow seed from February to October, according to climatic conditions. Leaf mold and sand is best if available. Level the soil in flats, making rows three inches apart, one-eighth inch deep. Plant seed quarter-inch apart, barely covering seeds. Assure yourself of good drainage in the bottom of flats. It is a good idea to place half-inch of coarse gravel in the bottom of the flat before filling with soil. After seeds have been planted spray the top of your soil with a weak solution of Uspulin or Semesan. This will have a tendency to check damp-off. Then water well with fine spray so as not to wash soil and do not any time allow soil to become dry. 75% of failure in germination of seed is due to drying out of soil. Flat the small plants as soon as the second or third leaf appears, placing about two inches apart, adding more loam to the soil and a little bone meal. Shade plants for about a week. After fifth or sixth leaf has appeared we shift plants in from 2½ to 3-inch pots. They are now ready to sell or to place in the field. Plants may be kept in these pots from three to six months for selling purposes. They will form an excellent roofing system so that when they are set out they will bloom in three months. This is the best way to handle Delphinium rather than selling the blooming clump from the field, thereby cutting the roots in balling the plants, which cause the loss of a large percentage of plants.

Delphinium plants can be transplanted very easily during their dormant season and after they are three years old the clumps may be divided.

Planting them at same level they were before. Delphiniums are fast growing plants and need plenty of moisture and sunshine. Never use fresh manures in fertilizing. Bone meal is the best fertilizer, providing that the ground has plenty of humus; if not, add well rotted cow fertilizer, with a small amount of lime. If available use a small portion of Toro Brand Sulphur which will have a tendency to check blight and destroy fungus growth which is present in so much of the soil. We do not cultivate out field plants, but mulch with humus to hold moisture. If these instructions are followed you will have no difficulty in raising beautiful Delphiniums.

Instructions For Sowing Shaw's World Famous Petunia Seed

Prepare a seedbed by taking two parts of any light compost or leaf mold thoroughly mixed with one part of clean sand. Sift all through a fine screen. With this mixture fill flats or seed pans, pressing down the soil to a flat surface evenly within two inches of the top. Give a thorough soaking. After water has seeped into the soil, sprinkle the Petunia seed evenly over this surface, but do not cover with the least bit of soil. To prevent attacks, however, of fungi, which might easily kill the young Petunia plants, sprinkle the newly-sown flats with charcoal dust. Place a clean pane of glass over the flat or seed pan, and in the daytime, if reached by the sun's rays, place a single sheet of newspaper over the glass to prevent danger of burning. At night and in dark weather remove this sheet of paper. Avoid carefully all excess of moisture and have pans near glass in well-ventilated atmosphere. As soon as the seed sprouts (say in eight to ten days after sowing, if kept at a temperature of 60 degrees) take off the pane of glass entirely. The young plants should be transplanted as soon as possible into flat boxes, spacing them an inch apart. Shortly thereafter they should be put into two-inch or three-inch pots.

If this seed is handled right, every kernel will germinate, as they are cleaned by a process where only fertile kernels are selected. Ants will carry off the seed if they have any access to same. Snails will eat the young seedlings, a great many in one night. For this reason seed boxes should be placed so that snails and ants are unable to reach them. Most of the loss of seed occurs in this way.

We would suggest in this case that the seed box be placed on small blocks of wood. The blocks resting in jars or pans, the latter containing either oil or water. The ants and snails are unable to cross the oil or water, and consequently cannot reach the seed.

Pom Pon Dahlias

Very small compact flowers. The smaller the better, so do not require disbudding.

Annie Doncaster. Soft yellow and mauve. Tubers, 25c

Artie. Picric yellow. A splendidly formed flower, and held erect on good stiff stems. Plant is strong vigorous grower, and profuse bloomer. Tubers, 25c

Bantam. Brownish red. Tubers, 25c

Dazzler. Yellow, heavily tipped brownish red. Tubers, 50c

Dee Dee. Pure lavender. Tubers, 25c

Elizabeth. Orange tipped red. Tubers, 25c

Eunice. Pale lavender shading to white. Tubers, 25c

Helen Anita. Pinkish lavender shading lighter at center. Tubers, 25c

Leda Beeler. Bright lavender. Tubers, 25c

Mary Munns. Cerise pink. Tubers, 25c

Mike. Burnt orange. Tubers, 25c

Omega. Amethyst. Tubers, 25c

Peggy Ann (new). Yellow, edged and shaded brownish red, prolific bloomer. Tubers, 50c

Rosebud. Deep rose shading to white at center. Tubers, 25c

No. 218—Sprig. Splendidly formed exhibition variety. Bronzy yellow, outer half of petals lightly suffused and tipped reddish buff. Tubers, 25c

Yellow Gem. True yellow. Tubers, 25c